## DEPARTMENT OF TRANSPORTATION

ESC/OE MS #43 1727 30TH Street, 2ND Floor Sacramento, CA 95816



September 8, 2000

06-Ker-99-80.7/86.9 06-422004 ACNH-P099(403)E

Addendum No. 4

## Dear Contractor:

This addendum is being issued to the contract for construction on State highway in KERN COUNTY IN AND NEAR MCFARLAND FROM 0.2 km SOUTH OF ELMO AVENUE OVERCROSSING TO 0.7 km SOUTH OF WOOLLOMES AVENUE OVERCROSSING.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on September 20, 2000. The original bid opening date was previously postponed indefinitely under Addendum No. 3 dated August 28, 2000.

This addendum is being issued to set a new bid opening date as shown herein and to revise the Notice to Contractors and Special Provisions and Federal Minimum Wages with Modification Number 8 dated 8-25-00. A copy of these wages are available on the Internet Site at http://www.dot.ca.gov/hq/esc/oe/

In the Special Provisions, Section 10-1.11.5, "LIME TREATED AGGREGATES," is added as attached.

In the Special Provisions, Section 10.1.12, "ASPHALT CONCRETE," the following paragraph is added after the second paragraph:

"The aggregate for asphalt concrete shall be treated with lime in accordance with the requirements under "LimeTreated Aggregates" in these special provisions."

To Proposal and Contract book holders:

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

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06-Ker-99-80.7/86.9 06-422004 ACNH-P099(403)E

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

NICK YAMBAO, Chief Office of Plans, Specifications & Estimates Division of Office Engineer

Attachments

## 10-1.11.5 LIME TREATED AGGREGATES

This work shall consist of furnishing and treating aggregates with lime in conformance with the requirements of these special provisions.

Prior to being incorporated into asphalt concrete (Type A), aggregate shall be treated with a slurry of lime and water in conformance with the requirements of these special provisions.

Lime shall conform to the provisions of Section 24-1.02, "Materials," of the Standard Specifications, and shall be high-calcium hydrated lime. Water for mixing with aggregate and lime shall be free from oil and other impurities and shall contain not more than 650 parts per million of chlorides as Cl, nor more than 1300 parts per million of sulfates as SO<sub>4</sub>

Lime shall be added to the aggregate as a slurry. Aggregate sizes, as determined by the requirements of Section 39-7.01, "Storage," in Section 11-1, "Asphalt Concrete," elsewhere in these special provisions, shall be lime treated and cured separately.

Lime shall be added to the separate sizes of aggregate in the following proportions:

|        | Aggregate Sizes           | Percent Hydrated Lime (by dry mass of aggregate) |
|--------|---------------------------|--|
| Coarse | Retained in 4.75-mm sieve | 0.5 to 1.0                                       |
| Fine   | Passing a 4.75-mm sieve   | 1.5 to 2.0                                       |

The exact proportions shall be determined by the Contractor and submitted to the Engineer as part of the proposed mix design submitted in conformance with the requirements of Section 39-3.01, "Contractor Mix Design Proposal," of Section 11-1, "Asphalt Concrete," elsewhere in these special provisions. These exact proportions determined by the Contractor and agreed to by the Engineer will hereinafter be referred to as the agreed dry lime ratios. The actual dry lime ratio produced for each size of aggregate treated shall not vary by more than 0.2 percent above or below the agreed lime ratio.

In addition, the lime ratio (kilograms of dry lime per 100 kilograms of dry aggregate expressed as a percent) for the combined aggregates shall be not less than 1.2 percent and not more than 1.5 percent. The exact amount shall be determined by the Contractor and approved by the Engineer. Regardless of the water content of the slurry, or that of the untreated aggregate, the lime ratio for the combined aggregates shall not vary by more than 0.2 percent above or below the combined aggregate agreed lime ratio. At no time shall the treatment of individual sized aggregates produce a combined aggregate in which the combined aggregate actual lime ratio deviates from the agreed lime ratio by more than 0.2 percent, when the individual sizes of aggregate are combined in the proportions designated in the approved asphalt concrete mix design.

At the time of mixing the slurry with the aggregate, the moisture content of the aggregate shall be at least one percent of the dry mass of the aggregate. Moisture content of the aggregate shall be of sufficient quantity so as to assure complete coating of the aggregate with slurry. At the time of combining the slurry and aggregate, all aggregate shall have been dried or drained sufficiently to result in a stable moisture content such that no visible separation of water from the aggregate will take place.

Dry hydrated lime shall be combined with water to form a slurry at a ratio of one part hydrated lime to 3 parts water, proportioned by mass or by volume as specified herein. The proportioning of lime and water shall be of either a continuous or a batch type operation in conformance with the following:

- A. When a continuous proportioning operation for the production of slurry is used the proportioning device shall be capable of determining the exact ratio of water to lime at all production rates and the following methods shall be used:
  - 1. Lime Proportioning Dry lime shall be weighed using a belt scale. Belt scale accuracy shall be such that, when operating between 30 percent and 100 percent of production capacity, the average difference between the indicated mass of material delivered and the actual mass delivered will not exceed 0.5 percent of the actual mass for 3 individual runs. For any of the 3 individual runs, the indicated mass of material delivered shall not vary from the actual mass delivered by more than one percent of the actual mass. Test run duration shall be for at least 0.5 tonne of dry lime. Test run material shall be hydrated lime and shall be weighed on a platform scale located at the slurry proportioning plant. The platform scale shall have a maximum capacity not exceeding 2.5 tonnes. The platform scale shall be error tested within 24 hours of the calibration of the dry lime proportioning device.
  - 2. Water Water to be used in the slurry shall be measured with a meter. Meter accuracy shall be such that, when operating between 50 percent and 100 percent of production capacity, the average difference between the indicated mass of water delivered and the actual mass delivered shall not exceed one percent of the actual mass for 3 individual runs. Test run duration shall be for at least 3800 liters.

- 3. Meters and scales used for the continuous proportioning of dry lime and water shall be equipped with rate-of-flow indicators to show the rates of delivery of dry lime and water and resettable totalizers so that the total amounts of dry lime and water introduced into slurry storage tank can be determined. Individual feeds for water and dry lime shall be equipped with no-flow devices which shall stop all slurry production when either of the individual ingredients is not being delivered to the slurry storage tank.
- B. When a batch type proportioning operation for the production of slurry is used the following methods shall be used:
  - 1. Lime Proportioning shall be by mass. The weighing of the dry lime shall be performed at the slurry production site. The scale shall be appropriate for the amount of the lime draft used. When the proportioning operation uses a dry lime draft of less than 10 tonnes an automatic batch controller shall be utilized. Any automatic batch controller used shall meet the requirements of Section 39-7.03A(2), "Automatic Controls," in Section 11-1, "Asphalt Concrete," elsewhere in these special provisions.
  - 2. Water shall be measured with a meter. Meter accuracy shall be such that, when operating between 50 percent and 100 percent of production capacity, the average difference between the indicated mass of water delivered and the actual mass delivered shall not exceed one percent of the actual mass for 3 individual runs. Test run duration shall be for at least 3800 liters. The water meter shall be equipped with a resettable totalizer. When an automatic controller is used to batch the dry lime it shall also control the proportioning of the water. When an automatic controller is used to proportion the water the indicated draft of the water shall be within one percent of its total draft mass.
- C. All weighing and measuring devices used for the proportioning of ingredients, except continuous weigh belts, shall have been Type Approved by the Division of Measurement Standards, Department of Food and Agriculture, State of California. All weighing and measuring devices used in the proportioning of slurry shall be tested in conformance with the requirements in California Test 109 and these special provisions.
- D. The proportioned lime and water shall be stored in a central mixing tank provided with agitation for both mixing and keeping the lime in suspension until applied to the aggregate. Agitation shall be continuous while the slurry is in storage and storage time shall not exceed 24 hours. Agitation shall be such that a build up of consolidated lime on the bottom or sides of the storage tank is prevented. The storage tank for slurry shall be equipped with a device for automatic and immediate cut-off of the proportioning of slurry and aggregate when the level of slurry is lowered sufficiently to expose the pump suction line.

Slurry and aggregate proportioning shall be of the continuous type. Slurry shall be introduced into the mixer through a meter conforming to the requirements of Section 9-1.01, "Measurement of Quantities," of the Standard Specifications. The meter shall be the mass flow, coriolis effect type. The system shall be capable of varying the rate of delivery of slurry proportionate with the delivery of aggregate.

The slurry meter shall function with such accuracy that, when operated at rates commensurate with aggregate delivery, the average difference between the indicated mass of material delivered and the actual mass delivered shall not exceed 0.5-percent of the actual mass for 3 runs of at least 3.75 tonnes. For any of 3 individual runs of at least 3.75 tonnes, the indicated mass of material delivered shall not vary from the actual mass delivered by more than one percent of the actual mass.

The aggregate shall be weighed using a belt scale. The belt scale shall be of such accuracy that, when the plant is operating between 30 percent and 100 percent of belt capacity, the average difference between the indicated mass of material delivered and the actual mass delivered shall not exceed one percent of the actual mass for 3 individual 3-minute runs. For any of the 3 individual 3-minute runs, the indicated mass of material delivered shall not vary from the actual mass delivered by more than 2 percent of the actual mass.

The actual mass of material delivered for proportioning device calibrations shall be determined by a vehicle scale conforming to the requirements of Section 9-1.01, "Measurement of Quantities," of the Standard Specifications, with the exception of dry lime which shall be by a smaller scale as determined by these specifications. The vehicle scale shall be located at the plant and shall be error checked within 24 hours of checking the plant's proportioning devices. The meters and belt scales used for proportioning aggregates and slurry shall be equipped to facilitate accuracy checks. These accuracy checks shall be performed before production begins and at any other time as directed by the Engineer.

The belt scale for the aggregate and the slurry meter shall be interlocked so that the rates of feed of the aggregates and slurry are adjusted automatically at all production rates and production rate changes. The plant shall not be operated unless this automatic system is operating and in good working condition.

The slurry meter and the aggregate feeder shall be equipped with devices by which the rate of feed can be determined while the plant is in full operation. Meters and belt scales used for proportioning aggregates and slurry shall be equipped with rate-of-flow indicators to show the rates of delivery of slurry and aggregate, and resettable totalizers so that the total amounts of slurry and aggregate introduced into the mixer can be determined. Rate-of-flow indicators and totalizers for like materials shall be accurate to within 0.5-percent when compared directly. The slurry totalizer shall not register when the slurry metering system is not delivering material to the mixer.

A monitoring device shall be located either in the stream of aggregate feed or where it will monitor movement of the belt by detecting revolutions of the tail pulley on the belt feeder. The device for monitoring no flow or belt movement, as the case may be, shall stop the slurry and aggregate proportioning automatically and immediately when there is no flow.

The rate of feed to the continuous mixer shall not exceed that which shall permit complete mixing of all of the material. Dead areas in the mixer, in which the material does not move or is not sufficiently agitated, shall be corrected by a reduction in the volume of material or by other adjustments. The mixer shall be equipped with paddles of a type and arrangement to provide sufficient mixing action and movement to the mixture. The mixer shall produce a homogeneous mixture of thoroughly and uniformly coated aggregates of unchanging appearance at discharge from the mixer.

After the slurry has been added to the aggregate, the mixed material shall be placed in stockpiles and cured for not less than 24 hours but not more than 24 days before being incorporated into asphalt concrete. Lime treated aggregate stored in excess of 24 days shall not be used in the work.

The device that controls the proportioning of slurry to aggregate shall produce a log of production data. The log of production data shall consist of a series of snapshots captured at 10-minute intervals throughout the period of daily production. Each snapshot of production data shall be a register of production activity at that time and not a summation of the data over the preceding 10 minutes. The amount of material represented by each snapshot shall be that amount produced for the period of time from 5 minutes before and 5 minutes after the capture time. Collected data shall be held in storage by the plant control device for the duration of the contract. The log shall be submitted to the Engineer daily, in electronic and printed media, at the end of each production shift, or as requested by the Engineer, and shall include the following:

- A. Date of production.
- B. Time of day the data is captured.
- C. Aggregate size being treated.
- D. Rate of flow of the wet aggregate, collected directly from the aggregate weighbelt.
- E. Moisture content of the aggregate about to be treated, expressed as a percent of the dry aggregate.
- F. Rate of flow of the dry aggregate, calculated from the wet aggregate flow rate.
- G. Rate of flow measured by the slurry meter.
- H. Rate of flow of dry lime, calculated from the slurry meter output.
- I. Agreed dry lime ratio.
- J. Actual dry lime ratio, calculated from the aggregate weighbelt and the slurry meter output, expressed as a percent of the dry aggregate.
- K. Calculated differential between the agreed lime ratio and the actual lime ratio.
- L. Portions of dry lime and water as proportioned at the time of the slurry production.

The Contractor shall control the lime treatment operation. Should it become evident that the Contractor does not have control of the production process, the lime treatment of asphalt concrete aggregates for the contract shall cease until such time as the problem is rectified. Evidence that the Contractor is not controlling the production shall include, but not be limited to, the following:

- A. Data has not been submitted to the Engineer.
- B. Collected data has not been complete, timely, or in the correct format.
- C. Contractor has not made corrective actions.
- D. Corrective actions have not been successful, or timely.
- E. Plant production has not been stopped when proportioning tolerances have been exceeded.
- F. Functionality of any of the devices used for the production of lime treated aggregates has failed during production.

The Contractor shall determine the moisture content of the aggregate at least once during each 2 hours of production and shall adjust the slurry to aggregate proportioning accordingly. Aggregate moisture content determinations by the Contractor shall be true representations of the amount of moisture in the aggregate being treated. The moisture content shall be calculated as a percent of the dry mass of the aggregate. The Engineer will use California Test 226 or 370 for the verification of moisture determinations.

Electronic media containing recorded production data shall be presented in a tab delimited format on a 90-mm diskette with a capacity of at least 1.4 megabytes. Each snapshot of the continuous production data shall be LFCR (line feed carriage return, one line, separate record) with allowances for sufficient fields to satisfy the amount of data required by these special provisions.

Exceeding the following tolerances, as indicated by the snapshots and log of collected data, shall result in the following corresponding actions by the Contractor:

- A. When 3 consecutive snapshots of recorded production data, collected in conformance with these special provisions, indicates deviation greater than 0.2 percent above or below the agreed lime ratio, the Contractor shall cease production of lime treated aggregates.
- B. When a snapshot of recorded production data indicates a deviation of greater than 0.4 percent above or below the agreed lime ratio, the production of lime treated aggregates shall cease and the material represented by that snapshot shall not be used for the manufacture of asphalt concrete.
- C. When 20 percent or more of the total daily production indicates deviation of greater than 0.2 percent above or below the agreed lime ratio, the total day's production shall not be used for the manufacture of asphalt concrete.

When production is stopped due to exceeding any of the above tolerances, the Contractor shall implement corrective measures and before proceeding, shall conduct a successful 15-minute test run.

Lime treated aggregate shall be free of lime balls and clods.

Once aggregate has been treated with lime, it shall not be treated with lime again.

Determination of the combined aggregate quality characteristics specified in the fifth paragraph of Section 39-2.02, "Aggregate," of Section 11-1, "Asphalt Concrete," elsewhere in these special provisions will be made prior to the aggregate being treated with lime.

Determination of the combined aggregate gradation as specified in the second, third and fourth paragraphs of said Section 39-2.02, will be made after the aggregate has been treated with lime. Obtaining samples of combined aggregate for gradation determination shall be in conformance with the provisions in Sections 39-7.03, "Proportioning," and 39-7.03B, "Proportioning for Continuous Mixing," of Section 11-1, "Asphalt Concrete," elsewhere in these special provisions.

Full compensation for lime treating aggregate for use in the manufacture of asphalt concrete shall be considered as included in the contract price paid per tonne for asphalt concrete of the types involved and no separate payment will be made therefor.

GENERAL DECISION CA000032 08/25/00 CA32 General Decision Number CA000032

Superseded General Decision No. CA990032

State: California

Construction Type:

BUILDING DREDGING HEAVY HIGHWAY

County(ies):

# **KERN**

BUILDING CONSTRUCTION PROJECTS; DREDGING PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include oil well drilling or water well drilling); HIGHWAY CONSTRUCTION PROJECTS

| Modification Number | Publication Date |
|---------------------|------------------|
| 0                   | 02/11/2000       |
| 1                   | 04/14/2000       |
| 2                   | 06/09/2000       |
| 3                   | 06/16/2000       |
| 4                   | 06/30/2000       |
| 5                   | 07/28/2000       |
| 6                   | 08/11/2000       |
| 7                   | 08/18/2000       |
| 8                   | 08/25/2000       |

# COUNTY(ies):

KERN

| ASBE0005B 01/01/2000   | Rates          | Fringes |
|--|----------------|---------|
| INSULATOR/ASBESTOS WORKER Includes the application of all insulating materials, protective coverings, coatings, and finishings   | Races          | riinges |
| to all types of mechanical systems   | 30.46          | 7.65    |
|  |                |         |
| ASBE0208B 06/01/1996   | Rates          | Fringes |
| ASBESTOS REMOVAL WORKER/ HAZARDOUS MATERIAL HANDLER Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials from mechanical systems, whether they | Races          | FIIIges |
| contain asbestos or not  | 19.70<br>      | 4.81    |
|  |                |         |
| BOIL0092F 10/01/1999   | Rates          | Fringes |
| BOILERMAKER  | 29.06          | 9.81    |
| TUBE WELDER  | 30.56          | 9.81    |
|  |                |         |
| BRCA0004H 05/01/1998   |                |         |
|  |                | Fringes |
| BRICKLAYER   | 25.40          | 5.10    |
| MARBLE SETTER  | 26.90          | 5.10    |
| MARBLE FINISHER  | 15.50          | 1.25    |
|  |                |         |
| BRCA0005P 11/01/1993   |                |         |
| TILE SETTER:   | Rates          | Fringes |
| Edwards Air Force Base; and Naval  |                |         |
| Air Weapons Station, China Lake 2  | 0.65 3         | .40     |
|  | 17.65          | 3.40    |
|  |                |         |
| BRCA0018K 03/01/2000   |                |         |
|  |                | Fringes |
| TERRAZZO WORKER  | 25.78          | 5.05    |
| TERRAZZO FINISHER  | 19.83          | 5.05    |
|  |                |         |
| CARP0002B 07/01/2000   |                |         |
| C1M1 0002D 07/01/2000  | Rates          | Fringes |
| DIVERS:  |                |         |
| Diver, wet   | 470.08 per day | 6.38    |
| Diver, stand-by  | 235.04 per day | 6.38    |

| Diver tender  | 227.04 per   | day 6.38   |
|---|--|--|
| CARP0002Q 07/01/1999 DRYWALL INSTALLERS:  | Rates  | Fringes  |
| Work on wood-framed apartment buildings under 4 stories   | 19.00  | 6.33   |
| All other work  | 25.75  | 6.33   |
| DRYWALL STOCKER/SCRAPPER  | 10.00  | 5.32   |
| CARP0002Z 07/01/2000  |  |  |
| CARPENTERS: Carpenter, cabinet installer, insulation installer, floor worker and acoustical installer Hardwood Floor Worker   | Rates 26.18  | Fringes  |
| Shingler<br>Roof loader of shingles   | 26.31<br>18.42   | 6.38<br>6.38   |
| Saw filer   | 26.26  | 6.38   |
| Table power saw operator  |  | 6.38   |
| Pneumatic nailer or power stapl   |  | 6.38   |
| Millwright Pile driver; Derrick barge; Bridge or dock carpenter; Cable splicer; Heavy framer;   | 27.25  | 6.38   |
| Rockslinger   | 26.88  | 6.38   |
| Head rockslinger  | 26.98  | 6.38   |
| Rock barge or scow<br>Scaffold builder  | 26.78<br>21.00   | 6.38<br>6.38   |
| FOOTNOTE: Work of forming in the constructions, on operations in which ho conjunction with steel H-Beams dr holes, for that portion of a lagg is poured, namely, as a substitut performed by piledrivers): \$0.13 | rizontal laggi<br>iven or placed<br>ed trench agai<br>e for back for<br>per hour addit | ng is used in in pre-drilled nst which concrete ms (which work is ional. |
| CARP0003H 07/01/1999  | Rates  | Fringes  |
| MODULAR FURNITURE INSTALLER   | 13.08  | 3.98   |
| LOW WALL MODULAR TECHNICIAN FULL WALL TECHNICIAN  | 17.80<br>21.88   |  |
| ELEC0011G 01/01/1997  | Rates  | Fringes  |
| COMMUNICATIONS AND SYSTEMS WORK:  |  | 3  |
| COMMUNICATIONS & SYSTEMS:   |  |  |
| Installer   | 18.03  | 3% + 3.50  |
| Technician  | 18.78  | 3% + 3.50  |

SCOPE OF WORK:

Installation, testing, service and maintenance of systems utilizing the transmission and/or transference of voice, sound, vision and digital for commercial, educational, security and entertainment purposes for the following: TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call systems, radio page, school intercom and sound, burglar alarms, fire alarm (see last paragraph below) and low voltage master clock systems in commercial buildings.

Communication Systems that transmit or receive information and/or control systems that are intrinsic to the above listed systems; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding all other data systems or multiple systems which include control function or power supply; excluding installation of raceway systems, conduit systems, line voltage work, and energy management systems.

Installation or maintenance of all sound and communications work performed at China Lake Naval Ordnance Test Station, Edwards Air Force Base, Elk Hills Naval Petroleum Reserve, or at new or existing federal or state prisons shall be performed at the inside wireman wage rate and fringe benefit amount.

Fire alarm work shall be performed at the inside wireman wage rate and fringe benefit amount.

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| ELEC0428A 06/01/2000                                       | Rates | Fringes    |  |
|--|-------|------------|--|
| ELECTRICIANS:  | Races | rringes    |  |
| China Lake Naval Weapons Center<br>Edwards Air Force Base: | and   |            |  |
| Electrician  | 29.09 | 5.8% +6.30 |  |
| Cable Splicer  | 31.52 | 5.8% +6.30 |  |
| Remainder of County:                                       |       |            |  |
| Electrician  | 24.34 | 5.8% +6.30 |  |
| Cable Splicer  | 26.77 | 5.8% +6.30 |  |
| TT T T 1 0 4 5 7 0 5 / 0 1 / 1 0 0 0                       |       |            |  |

## ELEC1245A 06/01/1999

|      |              |     |         | I       | Rates        | Fringes |
|------|--------------|-----|---------|---------|--------------|---------|
| LINE | CONSTRUCTION | AND | OUTSIDE | UTILITY | TRANSMISSION | WORK:   |

| Line worker; Cable splicer     | 30.39 | 4.5% + 6.78 |
|--------------------------------|-------|-------------|
| Powder worker                  | 28.87 | 4.5% + 6.54 |
| Ground person                  | 19.75 | 4.5% + 6.50 |
| Equipment specialist (operates |       |             |
| crawler tractors, commercial   |       |             |
| motor vehicles, backhoes,      |       |             |
| trenchers, cranes (50 tons and |       |             |
| below), and overhead and       |       |             |
| underground distribution line  |       |             |
| equipment)                     | 25.83 | 4.5% + 6.50 |

## SCOPE OF WORK:

All outside work on electrical transmission lines, switchyards and substations, and outside work in electrical utility distribution systems owned, maintained and operated by electrical utility companies, municipalities, or governmental agencies.

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ELEV0008C 08/01/2000

Rates Fringes 41.845 7.195 ELEVATOR MECHANIC

# FOOTNOTE:

Vacation Pay: 8% with 5 or more years of service, 6% for 6 months to 5 years service. Paid Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Friday after, and Christmas Day.

| POWER EQUIPMENT OPERATORS:  GROUP 1   | ENGI001  | 12C 07/01/2000         | Rates      | Fringes |
|---|----------|------------------------|------------|---------|
| GROUP 1 26.55 10.55 GROUP 2 27.33 10.55 GROUP 3 27.62 10.55 GROUP 4 28.51 10.55 GROUP 5 29.61 10.55 GROUP 6 28.73 10.55 GROUP 7 29.83 10.55 GROUP 8 28.84 10.55 GROUP 9 29.94 10.55 GROUP 10 28.96 10.55 GROUP 10 20.55 GROUP 12 29.13 10.55 GROUP 13 29.23 10.55 GROUP 14 29.26 10.55 GROUP 15 39.24 10.55 GROUP 15 39.25 GROUP 16 29.34 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 19 29.84 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13 10.55 | POWER EQ | QUIPMENT OPERATORS:    |            | 5       |
| GROUP 2 GROUP 3 GROUP 4 GROUP 4 28.51 10.55 GROUP 5 GROUP 6 28.73 10.55 GROUP 7 29.83 10.55 GROUP 8 28.84 10.55 GROUP 9 29.94 10.55 GROUP 10 28.96 10.55 GROUP 11 30.06 10.55 GROUP 12 29.13 10.55 GROUP 13 29.23 10.55 GROUP 14 29.26 10.55 GROUP 15 GROUP 15 GROUP 16 29.34 10.55 GROUP 16 29.46 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13 10.55  |          |                        | 26.55      | 10.55   |
| GROUP 4  GROUP 5  GROUP 6  GROUP 6  GROUP 7  GROUP 7  29.83  10.55  GROUP 8  28.84  10.55  GROUP 9  29.94  10.55  GROUP 10  28.96  10.55  GROUP 12  29.13  10.55  GROUP 13  29.23  10.55  GROUP 14  29.26  GROUP 15  GROUP 15  GROUP 16  29.34  10.55  GROUP 16  29.46  10.55  GROUP 17  29.63  GROUP 18  29.73  GROUP 18  29.73  10.55  GROUP 19  29.84  10.55  GROUP 20  29.96  10.55                                 | GROUP    | 2                      |            |         |
| GROUP 5 GROUP 6 GROUP 7 GROUP 7 29.83 10.55 GROUP 8 28.84 10.55 GROUP 9 29.94 10.55 GROUP 10 28.96 10.55 GROUP 11 30.06 10.55 GROUP 12 29.13 10.55 GROUP 13 29.23 10.55 GROUP 14 29.26 10.55 GROUP 15 GROUP 15 GROUP 16 29.34 10.55 GROUP 16 29.46 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 20 29.96 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13  | GROUP    | 3                      | 27.62      | 10.55   |
| GROUP 6 GROUP 7 GROUP 8 GROUP 8 GROUP 9 GROUP 10 GROUP 11 GROUP 12 GROUP 13 GROUP 14 GROUP 14 GROUP 15 GROUP 15 GROUP 16 GROUP 17 GROUP 17 GROUP 17 GROUP 18 GROUP 18 GROUP 19 GROUP 20 GROUP 21 30.13 10.55 GROUP 21 30.15 GROUP 21 30.15 GROUP 21 30.15 GROUP 21 30.15 GROUP 20 30.13  | GROUP    | 4                      | 28.51      | 10.55   |
| GROUP 6 GROUP 7 GROUP 8 GROUP 8 GROUP 9 GROUP 10 GROUP 11 GROUP 12 GROUP 13 GROUP 14 GROUP 14 GROUP 15 GROUP 15 GROUP 16 GROUP 17 GROUP 17 GROUP 17 GROUP 18 GROUP 18 GROUP 19 GROUP 20 GROUP 21 30.13 10.55 GROUP 21 30.15 GROUP 21 30.15 GROUP 21 30.15 GROUP 21 30.15 GROUP 20 30.13  | GROUP    | 5                      | 29.61      | 10.55   |
| GROUP 8 GROUP 9 GROUP 10 28.94 10.55 GROUP 10 28.96 10.55  GROUP 11 30.06 10.55 GROUP 12 29.13 10.55 GROUP 13 29.23 10.55 GROUP 14 29.26 10.55 GROUP 15 GROUP 15 29.34 10.55 GROUP 16 29.46 10.55 GROUP 17 29.63 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13  | GROUP    |                        |            |         |
| GROUP 9 29.94 10.55 GROUP 10 28.96 10.55  GROUP 11 30.06 10.55 GROUP 12 29.13 10.55 GROUP 13 29.23 10.55 GROUP 14 29.26 10.55 GROUP 15 29.34 10.55 GROUP 16 29.46 10.55 GROUP 17 29.63 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13 10.55   | GROUP    | 7                      | 29.83      | 10.55   |
| GROUP 9 GROUP 10 28.96 10.55  GROUP 11 30.06 10.55 GROUP 12 29.13 10.55 GROUP 13 29.23 10.55 GROUP 14 29.26 10.55 GROUP 15 29.34 10.55 GROUP 16 29.46 10.55 GROUP 17 29.63 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13  | GROUP    | 8                      | 28.84      | 10.55   |
| GROUP 10 28.96 10.55  GROUP 11 30.06 10.55  GROUP 12 29.13 10.55  GROUP 13 29.23 10.55  GROUP 14 29.26 10.55  GROUP 15 29.34 10.55  GROUP 16 29.46 10.55  GROUP 17 29.63 10.55  GROUP 17 29.63 10.55  GROUP 18 29.73 10.55  GROUP 19 29.84 10.55  GROUP 20 29.96 10.55  GROUP 21 30.13 10.55  | GROUP    | 9                      | 29.94      |         |
| GROUP 11 30.06 10.55 GROUP 12 29.13 10.55 GROUP 13 29.23 10.55 GROUP 14 29.26 10.55 GROUP 15 29.34 10.55 GROUP 16 29.46 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13 10.55  | GROUP    | 10                     |            |         |
| GROUP 12 29.13 10.55 GROUP 13 29.23 10.55 GROUP 14 29.26 10.55 GROUP 15 29.34 10.55 GROUP 16 29.46 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13 10.55   |          |                        |            |         |
| GROUP 12 29.13 10.55 GROUP 13 29.23 10.55 GROUP 14 29.26 10.55 GROUP 15 29.34 10.55 GROUP 16 29.46 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13 10.55   | GROUP    | 11                     | 30.06      | 10.55   |
| GROUP 14 29.26 10.55 GROUP 15 29.34 10.55 GROUP 16 29.46 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13 10.55   | GROUP    | 12                     |            |         |
| GROUP 15 GROUP 16 GROUP 17 29.46 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13   | GROUP    | 13                     |            | 10.55   |
| GROUP 15 GROUP 16 GROUP 17 29.46 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13   | GROUP    | 14                     | 29.26      | 10.55   |
| GROUP 16 29.46 10.55 GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13 10.55   |          |                        | 29.34      |         |
| GROUP 17 29.63 10.55 GROUP 18 29.73 10.55 GROUP 19 29.84 10.55 GROUP 20 29.96 10.55 GROUP 21 30.13 10.55  |          |                        |            |         |
| GROUP 18 29.73 10.55<br>GROUP 19 29.84 10.55<br>GROUP 20 29.96 10.55<br>GROUP 21 30.13 10.55  | GROUP    | 17                     | 29.63      |         |
| GROUP 20 29.96 10.55<br>GROUP 21 30.13 10.55  | GROUP    | 18                     |            |         |
| GROUP 20 29.96 10.55<br>GROUP 21 30.13 10.55  | GROUP    | 19                     | 29.84      | 10.55   |
|   | GROUP    | 20                     |            |         |
| CPOID 22 30.23 10.55  | GROUP    | 21                     | 30.13      | 10.55   |
| GROUF 44 30.43 10.33  | GROUP    | 22                     | 30.23      | 10.55   |
| GROUP 23 30.34 10.55  |          |                        |            |         |
| GROUP 24 30.46 10.55  |          |                        | 30.46      |         |
|   |          |                        |            |         |
| CRANES, PILEDRIVING & HOISTING EQUIPMENT:   | CRANES,  | PILEDRIVING & HOISTING | EQUIPMENT: |         |
| GROUP 1 27.30 10.55   | GROUP    | 1                      | 27.30      | 10.55   |
| GROUP 2 28.08 10.55   | GROUP    | 2                      | 28.08      | 10.55   |
| GROUP 3 28.37 10.55   | GROUP    | 3                      | 28.37      | 10.55   |
| GROUP 4 28.51 10.55   | GROUP    | 4                      | 28.51      | 10.55   |
| GROUP 5 28.73 10.55   | GROUP    | 5                      | 28.73      | 10.55   |
| GROUP 6 28.84 10.55   | GROUP    | 6                      | 28.84      | 10.55   |
| GROUP 7 28.96 10.55   | GROUP    | 7                      | 28.96      | 10.55   |
| GROUP 8 29.13 10.55   | GROUP    | 8                      | 29.13      | 10.55   |
| GROUP 9 29.30 10.55   | GROUP    | 9                      | 29.30      | 10.55   |

| GROUP 10     | 30.30 | 10.55 |
|--------------|-------|-------|
| GROUP 11     | 31.30 | 10.55 |
| GROUP 12     | 32.30 | 10.55 |
| GROUP 13     | 33.30 | 10.55 |
|              |       |       |
| TUNNEL WORK: |       |       |
| GROUP 1      | 27.80 | 10.55 |
| GROUP 2      | 28.58 | 10.55 |
| GROUP 3      | 29.01 | 10.55 |
| GROUP 4      | 29.23 | 10.55 |
| GROUP 5      | 29.34 | 10.55 |
| GROUP 6      | 29.46 | 10.55 |
| GROUP 7      | 29.76 | 10.55 |

#### FOOTNOTES:

Workers required to suit up and work in a hazardous material environment: \$1.00 per hour additional.

Combination mixer and compressor operator on gunite work shall be classified as a concrete mobile mixer operator.

## POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Barge, brake, compressor operator, Ditch Witch, with seat or similar type equipment, elevator operator - inside, engineer oiler, generator operator, generator, pump or compressor plant operator, pump operator, signal, switch

GROUP 2: Asphalt-rubber plant operator (nurse tank operator), concrete mixer operator - skip type, conveyor operator, fire person, hydrostatic pump operator, oiler crusher (asphalt or

concrete plant), skiploader (wheel type up to 3/4 yd. without attachment), tar pot fire person, temporary heating plant operator, trenching machine oiler

GROUP 3: Asphalt-rubber blend operator, equipment greaser (rack), Ford Ferguson (with dragtype attachments), helicopter radio (ground), stationary pipe wrapping and cleaning machine operator

GROUP 4: Asphalt plant fire person, backhoe operator (mini-max or similar type), boring machine operator, box or mixer (asphalt or concrete), chip spreading machine operator, concrete cleaning decontamination machine operator, concrete pump operator (small portable), drilling machine operator, small auger types (Texoma super economatic or similar types - Hughes 100 or 200 or similar types - drilling depth of 30' maximum), equipment greaser (grease truck), guard rail post driver operator, highline cableway signal, hydra-hammer-aero stomper, power concrete curing machine operator, power concrete saw operator, power-driven jumbo form setter operator, power sweeper operator, roller operator (compacting), screed operator (asphalt or concrete), trenching machine operator (up to 6 ft.)

GROUP 5: Equipment greaser (grease truck/multi-shift)

GROUP 6: Asphalt plant engineer, batch plant operator, bit sharpener, concrete joint machine operator (canal and similar type), concrete planer operator, deck engine operator, derrick (oilfield type), drilling machine operator, bucket or auger types (Calweld 100 bucket or similar types - Watson 1000 auger or similar types - Texoma 330, 500 or 600 auger or similar types - drilling depth of 45' maximum), drilling machine operator

(including water wells incidental to building, heavy or highway construction), hydrographic seeder machine operator (straw, pump or seed), Jackson track maintainer, or similar type, Kalamazoo switch tamper, or similar type, machine tool operator, Maginnis internal full slab vibrator, mechanical berm, curb or gutter (concrete or asphalt), mechanical finisher operator (concrete, Clary-Johnson-Bidwell or similar), pavement breaker operator (truck mounted), road oil mixing machine operator, roller operator (asphalt or finish), rubber-tired earth moving equipment (single engine, up to and including 25 yds. struck), selfpropelled tar pipelining machine operator, skiploader operator (crawler and wheel type, over 3/4 yd. and up to and including 1-1/2 yds.), slip form pump operator (power driven hydraulic lifting device for concrete forms), tractor operator - bulldozer, tamper-scraper (single engine, up to 100 h.p. flywheel and similar types, up to and including D-5 and similar types), tugger hoist operator (1 drum), ultra high pressure waterjet cutting tool system operator, vacuum blasting machine operator

GROUP 7: Asphalt or concrete spreading operator (tamping or finishing), asphalt paving machine operator (Barber Greene or similar type), asphalt-rubber distribution operator, backhoe operator (up to and including 3/4 yd.), small Ford, Case or similar, cast-in-place pipe laying machine operator, combination mixer and compressor operator (gunite work), compactor operator

(self-propelled), concrete mixer operator (paving), crushing plant operator, drill doctor, drilling machine operator, bucket or auger types (Calweld 150 bucket or similar types - Watson 1500, 2000 2500 auger or similar types - Texoma 700, 800 auger or similar types - drilling depth of 60' maximum), elevating grader operator, grade checker, gradall operator, grouting machine operator, heavy-duty repair person, heavy equipment robotics operator, Kalamazoo balliste regulator or similar type, Kolman belt loader and similar type, Le Tourneau blob compactor or similar type, loader operator (Athey, Euclid, Sierra and similar types), pneumatic concrete placing machine operator (Hackley-Presswell or similar type), pumpcrete gun operator, rotary drill operator (excluding caisson type), rubber-tired earth-moving equipment operator (single engine, caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. up to and including 50 cu. yds. struck), rubber-tired earthmoving equipment operator (multiple engine up to and including 25 yds. struck), rubber-tired scraper operator (self-loading paddle wheel type - John Deere, 1040 and similar single unit), selfpropelled curb and gutter machine operator, skiploader operator (crawler and wheel type over 1-1/2 yds. up to and including 6-1/2yds.), soil remediation plant operator, surface heaters and planer operator, tractor compressor drill combination operator, tractor operator (any type larger than D-5 - 100 flywheel h.p. and over, or similar - bulldozer, tamper, scraper and push tractor single engine), tractor operator (boom attachments), traveling pipe wrapping, cleaning and bending machine operator, trenching machine operator (over 6 ft. depth capacity, manufacturer's rating), ultra high pressure waterjet cutting tool system mechanic

GROUP 8: Heavy-duty repair person (multi-shift)

GROUP 9: Drilling machine operator, bucket or auger types (Calweld 200 B bucket or similar types - Watson 3000 or 5000

auger or similar types - Texoma 900 auger or similar types - drilling depth of 105' maximum), dual drum mixer, dynamic compactor LDC350 (or similar types), heavy-duty repair-welder combination, monorail locomotive operator (diesel, gas or electric), motor patrol - blade operator (single engine), multiple engine tractor operator (Euclid and similar type - except Quad 9 cat.), rubber-tired earth-moving equipment operator (single engine, over 50 yds. struck), rubber-tired earth-moving equipment operator (multiple engine, Euclid, caterpillar and similar over 25 yds. and up to 50 yds. struck), tower crane repair person, tractor loader operator (crawler and wheel type over 6-1/2 yds.), Woods mixer operator (and similar Pugmill equipment)

- GROUP 10: Heavy-duty repair-welder combination (multi-shift)
- GROUP 11: Auto grader operator, automatic slip form operator, drilling machine operator, bucket or auger types (Calweld, auger 200 CA or similar types Watson, auger 6000 or similar types Hughes Super Duty, auger 200 or similar types drilling depth of 175' maximum), hoe ram or similar with compressor, mass excavator
- operator, mechanical finishing machine operator, mobile form traveler operator, motor patrol operator (multi-engine), pipe mobile machine operator, rubber-tired earth-moving equipment operator (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck), rubber-tired self-loading scraper operator (paddle-wheel-auger type self-loading two (2) or more units)
- GROUP 12: Rubber-tired earth-moving equipment operator operating equipment with push-pull system (single engine, up to and including 25 yds. struck)
- GROUP 13: Canal liner operator, canal trimmer operator, remote-control earth-moving equipment operator (operating a second piece of equipment: \$1.00 per hour additional), wheel excavator operator
- GROUP 14: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck), rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine up to and including 25 yds. struck)
- GROUP 15: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, over 50 yds. struck), rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)
- GROUP 16: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 50 cu. yds. struck), tandem tractor operator (operating crawler type tractors in tandem Quad 9 and similar type)
- GROUP 17: Rubber-tired earth-moving equipment operator,

operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, up to and including 25 yds. struck)

- GROUP 18: Rotex concrete belt operator (or similar types), rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds.and up to and including 50 cu. yds. struck), rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units multiple engine, up to and including 25 yds. struck)
- GROUP 19: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in
- any combination, excluding compaction units single engine, over 50 yds. struck), rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)
- GROUP 20: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)
- GROUP 21: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, up to and including 25 yds. struck)
- GROUP 22: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck), rubber-tired earth-moving equipment operator, operating with the tandem push-pull system (multiple engine, up to and including 25 yds. struck)
- GROUP 23: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, over 50 yds. struck), rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)
- GROUP 24: Concrete pump operator truck mounted, rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)
- CRANES, PILEDRIVING AND HOISTING EQUIPMENT CLASSIFICATIONS
- GROUP 1: Engineer oiler; Fork lift operator (includes loed, lull or similar types)
- GROUP 2: Truck crane oiler

- GROUP 3: A-frame or winch truck operator; Ross carrier operator (jobsite)
- GROUP 4: Bridge-type unloader and turntable operator; Helicopter hoist operator
- GROUP 5: Stinger crane (Austin-Western or similar type); Tugger hoist operator (1 drum)
- GROUP 6: Bridge crane operator; Cretor crane operator; Hoist operator (Chicago boom and similar type); Lift mobile operator; Lift slab machine operator (Vagtborg and similar types); Material
- hoist operator; Polar gantry crane operator; Shovel, backhoe, dragline, clamshell operator (over  $3/4~{\rm yd}.$  and up to 5 cu. yds. mrc); Tugger hoist operator
- GROUP 7: Pedestal crane operator; Shovel, backhoe, dragline, clamshell operator (over 5 cu. yds. mrc); Tower crane repair; Tugger hoist operator (3 drum)
- GROUP 8: Crane operator (up to and including 25 ton capacity); Crawler transporter operator; Derrick barge operator (up to and including 25 ton capacity); Hoist operator, stiff legs, Guy derrick or similar type (up to and including 25 ton capacity); Shovel, backhoe, dragline, clamshell operator (over 7 cu. yds. mrc)
- GROUP 9: Crane operator (over 25 tons and up to and including 50 tons mrc); Derrick barge operator (over 25 tons up to and including 50 tons mrc); Highline cableway operator; Hoist operator, stiff legs, Guy derrick or similar type (over 25 tons up to and including 50 tons mrc); K-crane operator; Polar crane operator
- GROUP 10: Crane operator (over 50 tons and up to and including 100 tons mrc); Derrick barge operator (over 50 tons up to and including 100 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 50 tons up to and including 100 tons mrc), Mobile tower crane operator (over 50 tons, up to and including 100 tons M.R.C.); Tower crane operator and tower gantry
- GROUP 11: Crane operator (over 100 tons and up to and including 200 tons mrc); Derrick barge operator (over 100 tons up to and including 200 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 100 tons up to and including 200 tons mrc); Mobile tower crane operator (over 100 tons up to and including 200 tons mrc)
- GROUP 12: Crane operator (over 200 tons up to and including 300 tons mrc); Derrick barge operator (over 200 tons up to and including 300 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 200 tons, up to and including 300 tons mrc); Mobile tower crane operator (over 200 tons, up to and including 300 tons mrc)
- GROUP 13: Crane operator (over 300 tons); Derrick barge operator (over 300 tons); Helicopter pilot; Hoist operator, stiff legs, Guy derrick or similar type (over 300 tons); Mobile tower crane operator (over 300 tons)

GROUP 1: Skiploader (wheel type up to 3/4 yd. without attachment)

GROUP 2: Power-driven jumbo form setter operator

GROUP 3: Dinkey locomotive or motorperson (up to and including 10 tons)

GROUP 4: Bit sharpener; Equipment greaser (grease truck); Slip form pump operator (power-driven hydraulic lifting device for concrete forms); Tugger hoist operator (1 drum); Tunnel locomotive operator (over 10 and up to and including 30 tons)

GROUP 5: Backhoe operator (up to and including 3/4 yd.); Small Ford, Case or similar; Drill doctor; Grouting machine operator; Heading shield operator; Heavy-duty repairperson; Loader operator (Athey, Euclid, Sierra and similar types); Mucking machine operator (1/4 yd., rubber-tired, rail or track type); Pneumatic concrete placing machine operator (Hackley-Presswell or similar type); Pneumatic heading shield (tunnel); Pumpcrete gun operator; Tractor compressor drill combination operator; Tugger hoist operator (2 drum); Tunnel locomotive operator (over 30 tons)

GROUP 6: Heavy-duty repair/welder combination GROUP 7: Tunnel mole boring machine operator

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| ENGI0012D 08/01/1999  POWER EQUIPMENT OPERATORS: | Rates | Fringes |  |  |
|--|-------|---------|--|--|
| DREDGING:  |       |         |  |  |
| Lever person                                     | 31.85 | 10.35   |  |  |
| Dozer operator                                   | 28.38 | 10.35   |  |  |
| Welder; Deckmate                                 | 28.27 | 10.35   |  |  |
| Winch operator (stern winch on                   |       |         |  |  |
| dredge)  | 27.72 | 10.35   |  |  |
| Fire person - oiler; Leveehand;                  |       |         |  |  |
| Deckhand; Barge person                           | 27.18 | 10.35   |  |  |
| Barge mate                                       | 27.79 | 10.35   |  |  |
| * IRON0001Q 07/01/2000                           | Rates | Fringes |  |  |
| IRONWORKERS:                                     | Rates | rringes |  |  |
| Fence erector Ornamental, reinforcing and        | 23.94 | 14.375  |  |  |
| structural                                       | 24.83 | 14.375  |  |  |

### FOOTNOTE:

Work at China Lake Naval Test Station and Edwards Air Force Base: \$3.00 per hour additional.

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| LABO0001B    | 07/01/1999 |       |         |
|--------------|------------|-------|---------|
|              |            | Rates | Fringes |
| BRICK TENDER | 3          | 18.43 | 9.44    |
|              |            |       |         |

LABO0002H 07/01/1999

Rates Fringes

LABORERS:

| GROUP 1   | 18.18            | 9.49  |
|---|------------------|-------|
| GROUP 2   | 18.58            | 9.49  |
| GROUP 3   | 18.78            | 9.49  |
| GROUP 4   | 19.83            | 9.49  |
| GROUP 5   | 20.03            | 9.49  |
| TUNNEL LABORERS:  |                  |       |
| GROUP 1   | 21.09            | 9.49  |
| GROUP 2   | 21.21            | 9.49  |
| GROUP 3   | 21.37            | 9.49  |
| GROUP 4   | 21.65            | 9.49  |
| GUNITE LABORERS:  |                  |       |
| GROUP 1   | 20.89            | 11.43 |
| GROUP 2   | 19.94            | 11.43 |
| GROUP 3   | 16.40            | 11.43 |
| HOUSEMOVERS (ONLY WHERE HOUSEMOVING CONSTRUCTION CONTRACT): | IS INCIDENTAL TO | A     |
| Housemover  | 15.50            | 8.38  |
| Yard maintenance person                                     | 15.25            | 8.38  |

#### FOOTNOTE:

#### GUNITE PREMIUM PAY:

Workers working from a Bosn'n's Chair or suspended from a rope or cable shall receive 40 cents per hour above the foregoing applicable classification rates.

Workers doing gunite and/or shotcrete work in a tunnel shall receive 35 cents per hour above the foregoing applicable classification rates, paid on a portal-to-portal basis.

Any work performed on, in or above any smoke stack, silo, storage elevator or similar type of structure, when such structure is in excess of 75'-0" above base level and which work must be performed in whole or in part more than 75'-0" above base level, that work performed above the 75'-0" level shall be compensated for at 35 cents per hour above the applicable classification wage rate.

## LABORER CLASSIFICATIONS

GROUP 1: Cleaning and handling of panel forms; Concrete screeding for rough strike-off; Concrete, water curing; Demolition laborer, the cleaning of brick if performed by a worker performing any other phase of demolition work, and the cleaning of lumber; Fire watcher, limber, brush loader, piler and debris handler; Flag person; Gas, oil and/or water pipeline laborer; Laborer, asphalt-rubber material loader; Laborer, general or construction; Laborer, general clean-up; Laborer, landscaping; Laborer, jetting; Laborer, temporary water and air lines; Material hose operator (walls, slabs, floors and decks); Plugging, filling of shee bolt holes; Dry packing of concrete; Railroad maintenance, repair track person and road beds; Streetcar and railroad construction track laborers; Rigging and signaling; Scaler; Slip form raiser; Slurry seal crew (mixer)

operator, applicator operator, squeegee person, shuttle person, top person), filling of cracks by any method on any surface; Tar and mortar; Tool crib or tool house laborer; Traffic control by any method; Window cleaner; Wire mesh pulling - all concrete pouring operations

GROUP 2: Asbestos abatement; Asphalt shoveler; Cement dumper (on 1 yd. or larger mixer and handling bulk cement); Cesspool digger and installer; Chucktender; Chute handler, pouring concrete, the handling of the chute from readymix trucks, such as walls, slabs, decks, floors, foundation, footings, curbs, gutters and sidewalks; Concrete curer, impervious membrane and form oiler; Cutting torch operator (demolition); Fine grader, highways and street paving, airport, runways and similar type heavy construction; Gas, oil and/or water pipeline wrapper - pot tender and form person; Guinea chaser; Headerboard person - asphalt; Laborer, packing rod steel and pans; Membrane vapor barrier installer; Power broom sweeper (small); Riprap stonepaver, placing stone or wet sacked concrete; Roto scraper and tiller; Sandblaster (pot tender); Septic tank digger and installer (lead); Tank scaler and cleaner; Tree climber, faller, chain saw operator, Pittsburgh chipper and similar type brush shredder; Underground laborer, including caisson bellower

GROUP 3: Buggymobile person; Concrete cutting torch; Concrete pile cutter; Driller, jackhammer, 2-1/2 ft. drill steel or longer; Dri-pak-it machine; Gas, oil and/or water pipeline wrapper, 6-in. pipe and over, by any method, inside and out; High scaler (including drilling of same); Hydro seeder and similar type; Impact wrench multi-plate; Kettle person, pot person and workers applying asphalt, lay-kold, creosote, lime caustic and similar type materials ("applying" means applying, dipping, brushing or handling of such materials for pipe wrapping and waterproofing); Operator of pneumatic, gas, electric tools, vibrating machine, pavement breaker, air blasting, come-alongs, and similar mechanical tools not separately classified herein; Pipelayer's backup person, coating, grouting, making of joints, sealing, caulking, diapering and including rubber gasket joints, pointing and any and all other services; Rock slinger; Rotary scarifier or multiple head concrete chipping scarifier; Steel headerboard and guideline setter; Tamper, Barko, Wacker and similar type; Trenching machine, hand-propelled

GROUP 4: Asphalt raker, lute person, ironer, asphalt dump person, and asphalt spreader boxes (all types); Concrete core cutter (walls, floors or ceilings), grinder or sander; Concrete saw person, cutting walls or flat work, scoring old or new concrete; Cribber, shorer, lagging, sheeting and trench bracing, hand-guided lagging hammer; Head rock slinger; Laborer, asphalt-rubber distributor boot person; Laser beam in connection with laborers' work; Oversize concrete vibrator operator, 70 lbs. and over; Pipelayer performing all services in the laying and installation of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, metallic or non-metallic, conduit and any other stationary type of tubular device used for

the conveying of any substance or element, whether water, sewage, solid gas, air, or other product whatsoever and without regard to the nature of material from which the tubular material is fabricated; No-joint pipe and stripping of same; Prefabricated manhole installer; Sandblaster (nozzle person), water blasting, Porta Shot-Blast; Welding in connection with laborers' work

GROUP 5: Blaster powder, all work of loading holes, placing and blasting of all powder and explosives of whatever type,

regardless of method used for such loading and placing; Driller: All power drills, excluding jackhammer, whether core, diamond, wagon, track, multiple unit, and any and all other types of mechanical drills without regard to the form of motive power; Toxic waste removal

## TUNNEL LABORER CLASSIFICATIONS

GROUP 1: Batch plant laborer; Bull gang mucker, track person; Changehouse person; Concrete crew, including rodder and spreader; Dump person; Dump person (outside); Swamper (brake person and switch person on tunnel work); Tunnel materials handling person

GROUP 2: Chucktender, cabletender; Loading and unloading agitator cars; Nipper; Pot tender, using mastic or other materials (for example, but not by way of limitation, shotcrete, etc.); Vibrator person, jack hammer, pneumatic tools (except driller)

GROUP 3: Blaster, driller, powder person; Chemical grout jet person; Cherry picker person; Grout gun person; Grout mixer person; Grout pump person; Jackleg miner; Jumbo person; Kemper and other pneumatic concrete placer operator; Miner, tunnel (hand or machine); Nozzle person; Operating of troweling and/or grouting machines; Powder person (primer house); Primer person; Sandblaster; Shotcrete person; Steel form raiser and setter; Timber person, retimber person, wood or steel; Tunnel Concrete finisher

GROUP 4: Diamond driller; Sandblaster; Shaft and raise work

## GUNITE LABORER CLASSIFICATIONS

GROUP 1: Nozzle person and rod person

GROUP 2: Gun person

GROUP 3: Rebound person

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LABO0220F 01/01/1999

Rates Fringes

PLASTERER TENDER:

Edwards Air Force Base; Elk Hills

Naval Reserve; and Naval Air

Weapons Station, China Lake 18.64 7.91
Remainder of County 14.96 7.91

LABO0882B 09/01/1998

10.37 Fringes Rates ASBESTOS REMOVAL LABORER 3.76

SCOPE OF WORK: Includes site mobilization, initial site cleanup, site preparation, removal of asbestos-containing material and toxic waste, encapsulation, enclosure and disposal of asbestoscontaining materials and toxic waste by hand or with equipment or machinery; scaffolding, fabrication of temporary wooden barriers and assembly of decontamination stations.

## LABO1184A 07/01/1999

| HIBO110 III 07/01/1000 |       |         |
|------------------------|-------|---------|
|                        | Rates | Fringes |
| LABORERS - STRIPING:   |       |         |
| GROUP 1                | 18.61 | 7.90    |
| GROUP 2                | 19.01 | 7.90    |
| GROUP 3                | 20.58 | 7.90    |
| GROUP 4                | 21.58 | 7.90    |
|                        |       |         |

#### LABORERS - STRIPING CLASSIFICATIONS

GROUP 1: Protective coating, pavement sealing, including repair and filling of cracks by any method on any surface in parking lots, game courts and playgrounds; carstops; operation of all related machinery and equipment; equipment repair technician

GROUP 2: Traffic surface abrasive blaster; pot tender - removal of all traffic lines and markings by any method (sandblasting, waterblasting, grinding, etc.) and preparation of surface for coatings. Traffic control person: controlling and directing traffic through both conventional and moving lane closures; operation of all related machinery and equipment

GROUP 3: Traffic delineating device applicator: Layout and application of pavement markers, delineating signs, rumble and traffic bars, adhesives, guide markers, other traffic delineating devices including traffic control. This category includes all traffic related surface preparation (sandblasting, waterblasting, grinding) as part of the application process. Traffic protective delineating system installer: removes, relocates, installs, permanently affixed roadside and parking delineation barricades, fencing, cable anchor, guard rail, reference signs, monument markers; operation of all related machinery and equipment; power broom sweeper

GROUP 4: Striper: layout and application of traffic stripes and markings; hot thermo plastic; tape traffic stripes and markings, including traffic control; operation of all related machinery and equipment

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## PAIN0036C 08/01/2000

Rates Fringes

PAINTERS (includes lead abatement): Work on service stations and and car washes; Small new commercial work (defined as construction up to and including 3 stories in height, such as small shopping centers, small stores, small office buildings and small food establishments); Small new industrial work (defined as light metal buildings, small warehouses, small storage facilities and tilt-up buildings); Repaint work (defined as repaint of

| any structure with the exception of work involving the aerospace industry, breweries, commercial recreational facilities, hotels which operate commercial establishments as part of hotel service, and sports facilities); Tenant improvement work (defined as tenant improvement work not included in conjunction with the construction of the building, and all repainting of tenant improvement projects | 17.80          | 5.52                           |
|---|----------------|--------------------------------|
| All other work  | 19.90          | 5.52                           |
| PAIN0036J 10/01/1999  DRYWALL FINISHER:   | Rates          | Fringes                        |
| Work on wood frame structures All other work  |                | 3.71<br>6.88                   |
| PAIN0169B 07/01/1999  GlAZIER  FOOTNOTE:  Welding in connection with glaziadditional.   | Rates<br>23.55 | Fringes<br>7.97<br>00 per hour |
| PAIN1247A 10/01/1997  |                |                                |
| SOFT FLOOR LAYER  | Rates<br>19.47 | Fringes<br>5.66                |
| PLAS0200A 08/06/1997 PLASTERERS   | Rates<br>23.38 | Fringes<br>4.04                |
| PLAS0500B 07/01/1999  CEMENT MASONS: Work on projects where the total permit value of the general and a subcontracts is \$12 million or letter to the machine; Clary and similar type of screed operator (cement only); grinding machine (all types); Jackson vibratory, Texas screed and similar type  | all<br>ess:    | Fringes                        |

| screed operator; scoring machine operator  Cement mason (magnesite, magnesite - terrazzo and mastic composition, epoxy, urethanes and exotic | 18.85 | 8.83  |
|--|-------|-------|
| coatings, Dex-0-Tex)   | 18.97 | 8.83  |
| Cement mason, floating and   |       |       |
| troweling machine operator   | 19.10 | 8.83  |
| All other work:  |       |       |
| Cement mason; curb and gutter  |       |       |
| machine operator; Clary and  |       |       |
| similar type of screed   |       |       |
| operator (cement only);  |       |       |
| <pre>grinding machine (all types); Jackson vibratory, Texas</pre>  |       |       |
| screed and similar type  |       |       |
| screed operator; scoring   |       |       |
| machine operator   | 20.81 | 10.83 |
| Cement mason (magnesite,   | 20.01 | 20.00 |
| magnesite - terrazzo and   |       |       |
| mastic composition, epoxy,   |       |       |
| urethanes and exotic   |       |       |
| coatings, Dex-O-Tex)   | 20.93 | 10.83 |
| Cement Mason - floating and  |       |       |
| troweling machine operator   | 21.06 | 10.83 |
|  |       |       |

## FOOTNOTE:

Work on a swinging stage, bosun chair, or suspended scaffold, whether swinging or rigid, above or below ground: \$0.25 per hour

## additional.

| PLUM0355C | 07/01/2000 |
|-----------|------------|
| PLUMU355C | 07/01/2000 |

|                               | Rates | Fringes |
|-------------------------------|-------|---------|
| LANDSCAPE FITTER; UNDERGROUND |       |         |
| UTILITY WORKER                | 22.00 | 5.55    |
|                               |       |         |

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## PLUM0460B 01/01/2000

|              |                | Rates                      | Fringes |
|--------------|----------------|----------------------------|---------|
| STEAMFITTER; | REFRIGERATION: |                            |         |
|              |                |                            |         |
|              | TEAMFITTER;    | TEAMFITTER; REFRIGERATION: |         |

Encompasses all the central valley: Bakersfield, Lamont, Arvin,

Frazier Park, Taft, Shafter,

Wasco, McFarland and Deleano 22.67 8.87

Encompasses Kernville, Tehachapi, Lake Isabella, Mohave, Monolith

and Weldon 25.67 8.87

Encompasses the far eastern side of Kern County, which includes Edwards Air Force Base, Rosamond, Boron, China Lake Naval Weapons

27.67 Center and Ridgecrest 8.87

# FOOTNOTE:

Work from a swinging scaffold, swinging basket, spider or from

| a bosun chair: 10% above the regul   | ar rate of p       | ay for that day.          |
|--|--------------------|---------------------------|
| ROOF0027A 09/01/1998   |                    |                           |
| ROOF 002/A 09/01/1998  | Rates              | Fringes                   |
| ROOFER   | 20.15              | 6.30                      |
| FOOTNOTE: Work with pitch, pitch base of p   | itch impregn       | ated products or          |
| any material containing coal tar p new, where both asphalt and pitche of a built-up roof or tear off: \$2  | rs are used        | in the application        |
| SFCA0669G 04/01/1999   |                    |                           |
| SPRINKLER FITTER (FIRE)  | Rates<br>27.35<br> | Fringes<br>6.40           |
| SHEE0102D 01/01/1999   |                    |                           |
| EAST OF HWY. #395 FROM RED MOUNTAI   |                    | Fringes<br>O COUNTY LINE: |
| COMMERCIAL SHEET METAL WORKER: Work on all commercial HVAC for   |                    |                           |
| creature comfort and computers clean rooms, architectural metals metal roofing and lagging, over   | ,                  |                           |
| insulation   | 27.51              | 9.00                      |
| SHEE0102E 01/01/1999   |                    |                           |
|  |                    | Fringes                   |
| EAST OF HWY. #395 FROM RED MOUNTAI   | N TO THE INY       | O COUNTY LINE:            |
| INDUSTRIAL SPECIALTIES SHEET METAL Work on all air pollution contro systems, noise abatement panels, blow pipe, air-veyor systems, dust collecting, baghouses, | · · · -            |                           |
| heating, air conditioning, and ventilating (other than creature  |                    |                           |
| comfort) and all other industrial  |                    |                           |
| work, including metal insulated ceilings   | 25.21              |                           |
|  |                    |                           |
| TEAM0011D 07/01/1999   | Rates              | Fringes                   |
| TRUCK DRIVERS: Edwards Air Force Base; and Nava  |                    |                           |
| Air Weapons Station, China Lake:   |                    |                           |
| GROUP 1  | 22.19              | 11.89                     |
| GROUP 2  | 22.34              | 11.89                     |
| GROUP 3<br>GROUP 4   | 22.47<br>22.66     | 11.89<br>11.89            |
| GROUP 5  | 22.60              | 11.89                     |
| GROUP 6  | 22.72              | 11.89                     |
| GROUP 7  | 22.97              | 11.89                     |
| GROUP 8  | 23.22              | 11.89                     |

| GROUP 9              | 23.42 | 11.89 |
|----------------------|-------|-------|
| GROUP 10             | 23.72 | 11.89 |
| GROUP 11             | 24.22 | 11.89 |
| Remainder of County: |       |       |
| GROUP 1              | 20.19 | 11.89 |
| GROUP 2              | 20.34 | 11.89 |
| GROUP 3              | 20.47 | 11.89 |
| GROUP 4              | 20.66 | 11.89 |
| GROUP 5              | 20.60 | 11.89 |
| GROUP 6              | 20.72 | 11.89 |
| GROUP 7              | 20.97 | 11.89 |
| GROUP 8              | 21.22 | 11.89 |
| GROUP 9              | 21.42 | 11.89 |
| GROUP 10             | 21.72 | 11.89 |
| GROUP 11             | 22.22 | 11.89 |
|                      |       |       |

## TRUCK DRIVER CLASSIFICATIONS

## GROUP 1: Truck driver

- GROUP 2: Driver of vehicle or combination of vehicles 2 axles; Traffic control pilot car excluding moving heavy equipment permit load; Truck-mounted broom
- GROUP 3: Driver of vehicle or combination of vehicles 3 axles; Boot person; Cement mason distribution truck; Fuel truck driver; Water truck 2 axle; Dump truck, less than 16 yds. water level; Erosion control driver
- GROUP 4: Driver of transit mix truck, under 3 yds.; Dumpcrete truck, less than 6-1/2 yds. water level
- GROUP 5: Water truck, 3 or more axles; Truck greaser and tire person (\$0.50 additional for tire person); Pipeline and utility working truck driver, including winch truck and plastic fusion, limited to pipeline and utility work; Slurry truck driver
- GROUP 6: Transit mix truck, 3 yds. or lmore; Dumpcrete truck, 6-1/2 yds. water level and over; Vehicle or combination of vehicles 4 or more axle; Oil spreader truck; Dump truck, 16 yds. to 25 yds. water level
- GROUP 7: A Frame, Swedish crane or similar; Forklift driver; Ross carrier driver
- GROUP 8: Dump truck, 25 yds. to 49 yds. water level; Truck repair person; Water pull single engine; Welder GROUP 9: Truck repair person/welder; Low bed driver, 9 axles or over
- GROUP 10: Dump truck 50 yds. or more water level; Water pull single engine with attachment
- GROUP 11: Water pull twin engine; Water pull twin engine with attachments; Winch truck driver \$1.25 additional when operating winch or similar special attachments

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

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In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

## WAGE DETERMINATION APPEALS PROCESS

- 1.) Has there been an initial decision in the matter? This can be:
- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal

process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator U.S. Department of Labor 200 Constitution Avenue, N. W. Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board U. S. Department of Labor 200 Constitution Avenue, N. W. Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.  $$\tt END$  OF GENERAL DECISION